

AMENDMENTS TO THE CLAIMS

Claims 1-12 (Cancelled).

13. (Currently Amended) A ~~thermal~~ plasma spraying method of spraying a metal thermal spray material onto a metal body to form a spray coating for corrosion prevention, said ~~thermal~~ plasma spraying method comprising:

roughening a surface of the metal body by using a grinding tool to achieve an average roughness Ra of the surface in a range of 2 μm to 10 μm ; and

performing ~~thermal~~ plasma spraying in a manner such that an average ~~total~~ area of covered by each molten particle of the metal thermal spray material when the molten particles have stuck to the surface of the metal body is 10000 μm^2 to 100000 μm^2 to thereby form the spray coating.

Claims 14-17 (Cancelled).

18. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim ~~14~~ 13, wherein said performing ~~thermal~~ plasma spraying comprises using a plasma spraying apparatus which uses the metal thermal spray material in the form of a wire.

19. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 18, further comprising performing a sealing treatment on the spray coating after said performing ~~thermal~~ plasma spraying.

20. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 18, wherein the metal thermal spray material is aluminum or an aluminum alloy.

21. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 20, further comprising performing a sealing treatment on the spray coating after said performing ~~thermal~~ plasma spraying.

22. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 13, wherein the metal thermal spray material is aluminum or an aluminum alloy.

23. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 22, further comprising performing a sealing treatment on the spray coating after said performing ~~thermal~~ plasma spraying.

24. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 22, wherein the metal thermal spray material is an aluminum alloy comprising an aluminum-magnesium alloy or a zinc-aluminum alloy.

25. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 13, further comprising performing a sealing treatment on the spray coating after said performing ~~thermal~~ plasma spraying.

26. (Currently Amended) The ~~thermal~~ plasma spraying method according to claim 13, wherein said roughening the surface of the metal body comprises using a grinding tool to form linear marks on the surface of the metal body, the linear marks crossing at an angle of intersection in a range of 60 degrees to 90 degrees.